

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Tarek N. Fahmi (Reg. No. 41,402) on 03/11/2009.

INTERVIEW SUMMARY

3. During a telephone interview with Mr. Fahmi on 3/11/2009, examiner submitted that the "computer-readable medium" recited in claims 8 – 11 can include carrier waves as disclosed in p. 11 of the specification. Mr. Fahmi authorized the amendment to claims 8 - 11 to recite "computer-readable storage medium". Mr. Fahmi also verified that the term "computer-readable storage medium" is intended to only cover physical storage media such as CD, DVD, harddisk, etc. and not "carrier wave" as disclosed in page 11 of specification.

4. Amend the claims as the following paragraph:

AMENDMENTS TO THE CLAIMS

The following listing of the claims shall replace all previous versions thereof:

1. (Currently Amended) In a computer system, a method for providing for concurrent subprocessing of a master process, the method comprising the steps of:
interfacing with a master process with a user-specific process that mirrors an interface for the master process when a user-specific operation is encountered;
mapping a the user-specific process with a virtual memory separator so that it overlays virtual addresses of the master process; and
processing the user-specific operation in the user-specific process; and
transferring data between the master process and the user-specific process using a communications channel that does not require the serialization of data.
2. (Cancelled)
3. (Currently Amended) The method of claim 1, further comprising the step of:
providing an interface for the user-specific process that mirrors an the interface for the master process.
4. (Previously Presented) The method of claim 1 wherein the master process is a global locale process and the user-specific process is a locale-specific process.
5. (Original) The method of claim 1 wherein the user-specific process is mapped after the user-specific operation is encountered.
6. (Original) The method of claim 1 wherein the user-specific process is mapped before the user-specific operation is encountered.
7. (Original) The method of claim 1 further comprising the step of:
returning processing to the master process after processing the user-specific operation in the user-specific process.

8. (Currently Amended) A computer-readable storage medium comprising computer instructions that facilitate concurrent handling of subprocesses in a system that utilizes a global process, wherein the instructions, when executed, cause the system to perform the steps of:

interfacing with the global process with one of a plurality of concurrent user-specific processes that mirrors an interface for the global process when a user-specific operation is encountered;

mapping ~~at~~ the plurality of concurrent user-specific processes, wherein each user-specific process is mapped to virtual addresses that are equivalent to virtual addresses of the global process; and

processing the user-specific operation in one of the user-specific processes; and transferring data between the global process and the one of the user-specific processes using a communications channel that does not require the serialization of data.

9. (Currently Amended) The computer-readable storage medium of claim 8, wherein the instructions, when executed, provide each of the plurality of concurrent user-specific processes with an interface that is identical to an interface of the global process.

10. (Currently Amended) The computer-readable storage medium of claim 9, wherein the instructions, when executed, cause the system to perform the step of mapping subprocesses within each of the plurality of user-specific processes, the subprocesses being mapped to virtual addresses that are equivalent to virtual addresses for user-specific operations of the global process.

11. (Currently Amended) The computer-readable storage medium of claim 10, wherein the instructions, when executed, cause the system to perform the step of returning processing to the global process after execution of the subprocesses is complete.

12. (Currently Amended) A computer system for enabling concurrent multiple subprocess handling in a global process environment, the system comprising:
means for interfacing a global process with a user-specific process that mirrors an interface for the global process when a user-specific operation is encountered;
a virtual memory separator that maps ~~a~~ the user-specific process to virtual addresses that mirror virtual addresses of the global process, the user-specific process having an interface that mirrors an interface of the global process;
means for processing the user-specific operation in the user-specific process; and
means for transferring data between the global process and the user-specific process using a communications channel that does not require the serialization of data.

13. (Previously Presented) The computer system of claim 12 wherein the global process is a global locale process and wherein the user-specific process is a locale-specific process.

14. (Previously Presented) The computer system of claim 12 wherein the global process is a global daemon process and wherein the user-specific process is a user-specific daemon process.

15. (Currently Amended) An apparatus for conducting multi-user concurrent handling of subprocesses, the apparatus comprising:
means for interfacing with a master process with a user-specific process that mirrors an interface for the master process when a user-specific operation is encountered;
means for mapping ~~a~~ the user-specific process so that it overlays virtual addresses of the master process; and
means for processing the user-specific operation in the user-specific process; and
means for transferring data between the master process and the user-specific process using a communications channel that does not require the serialization of data.

16. (Cancelled)

17. (Currently Amended) The apparatus of claim 15, further comprising:
means providing an interface for the user-specific process that mirrors ~~an~~ the interface
for the master process.

18. (Previously Presented) The apparatus of claim 15 wherein the master process is a
global locale process and the user-specific process is a locale-specific process.

19. (Original) The apparatus of claim 15 wherein the user-specific process is mapped
after the user-specific operation is encountered.

20. (Original) The apparatus of claim 15 wherein the user-specific process is mapped
before the user-specific operation is encountered.

21. (Original) The apparatus of claim 15, further comprising:
means for returning processing to the master process after the user-specific
operation is executed in the user-specific process.

Any inquiry concerning this communication or earlier communications from the
examiner should be directed to PHUONG N. HOANG whose telephone number is
(571)272-3763. The examiner can normally be reached on Monday - Friday 9:00 am to
5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's
supervisor, Meng A. An can be reached on 571-272-3756. The fax phone number for
the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/P. N. H./
Examiner, Art Unit 2194

/Li B. Zhen/
Primary Examiner, Art Unit 2194